

BIOMETHANE

RENEWABLE GAS MADE IN THE EU

Learn more about the Biomethane Industrial Partnership to support the achievement of 35 bcm biomethane target by 2030

ENABLING
Climate neutrality

ACHIEVING
Europe's clean energy goals

ADVANCING
Europe's energy independence

ADOPTING
Sustainable agriculture practices

BIP Europe
Biomethane Industrial Partnership

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ABOUT
THE BIOMETHANE INDUSTRIAL PARTNERSHIP

The **Biomethane Industrial Partnership** (BIP) is a partnership between the **European Commission** and the **European Biogas Association** (EBA) established as a part of the **Biomethane Action Plan** of **REPowerEU** in September 2022.

The purpose of the BIP is to stimulate production of EU renewable gases as a quick response to reduce dependence on imported fossil gas supply from Russia. The BIP promotes the active engagement between the **Commission**, **EU countries**, **industry representatives**, **feedstock producers**, **academics** and **NGOs**, to reach sustainable biomethane production of **35 billion cubic meters** annually by **2030**.

Six specialised **Task Forces** reflect the Biomethane Action Plan of REPowerEU to address the main barriers to increased sustainable biomethane production and use and facilitation of its integration into the EU internal gas market.

BIOMETHANE, a source of sustainable, renewable and clean energy



TASK FORCE 1

Uniting **EU Member States** to achieve biomethane goals



Task Force 1 is committed to providing EU Member States with useful insights and guidelines through the **sharing** of **best practices** to help them develop **national biomethane targets**, **strategies** and **policies**.

Task Force 1 unites **22 EU Member States**, **DG ENER**, and the **European Biogas Association**.

How to scale up biomethane in the Member States? Discover the latest Task Force 1 report on **biomethane incentives** and **their effectiveness**!

Scan the QR code and learn more about Task Force 1 :



“ Stable policies and effective incentives are crucial to driving investment and enabling biomethane to replace fossil gas ”

“ We need a strategic vision beyond 2030 to offer confidence to the market ”

“ Integrating the national markets into a single EU biomethane market is the next big step ”

TASK FORCE 2

Accelerating **biomethane project development**

Task Force 2 aims to **identify** and scale up **best practices,** initiate creative **solutions** and **overcome barriers** to **speed up investments** in **new biomethane projects** across the value chain.

Task Force 2 unites **biomethane value chain companies** across the EU and **DG GROW**.

How to accelerate biomethane projects and investments in the EU? Discover the two Task Force 2 reports on **accelerating biomethane projects** and **permitting**

An accompanying factsheet to the "Permitting" report is available for download! Learn more about Task Force 2 and its deliverables:



"To hit the 35 bcm target we need significant capital investments within 2-3 years, clear long-term incentives, and easy trading across the EU"



"Permitting is slowed by red tape and other barriers. Speed it up with best practices as zoning, local support and trainings"

TASK FORCE 3

Assessing potentials for **sustainable feedstocks** to produce biomethane

Task Force 3 works to **identify** the **EU-wide potential** for **sustainable biomass sources** to meet the **35 bcm** production **target** by **2030** and the further ramp-up towards **2050**.

Task Force 3 unites **companies**, **business associations** and **research centers**, **JRC** and **DG AGRI**.

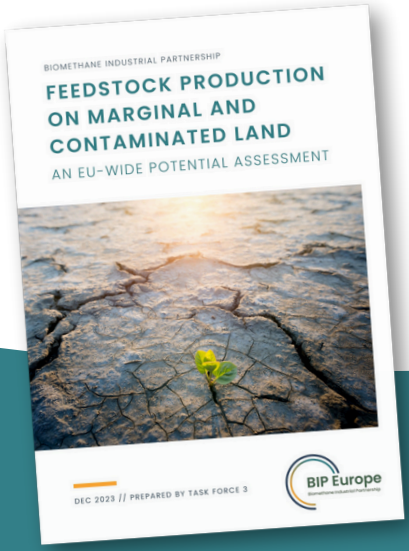
How to secure the supply of sustainable feedstocks for biomethane? Task Force 3 analysed the untapped potential of utilising **marginal** and **contaminated lands** across Europe

Learn more about Task Force 3 by scanning the QR code:

> *“To cover the large demand of biomass sources required by RePowerEU, the use of biomass cultivated in marginal lands may play a crucial role”*

> *“Biomass cultivated on marginal and contaminated lands helps to avoid risks of Indirect Land Use Change (ILUC)”*

> *“Better data and clear definitions are crucial to ensuring trustworthy certifications”*



TASK FORCE 4

Driving down **biomethane production costs** & **enhancing grid connection**

Task Force 4 aims to provide insights into best practices for efficient and **low-cost biomethane production** and **grid injection**.

Task Force 4 consists of **companies**, particularly **distribution** and **transmission operators**, with the involvement of the **European Commission**.



> *Biogenic CO_2 is a renewable form of CO_2 generated during biomethane production. It offers a sustainable feedstock for industries, with the potential to supply ≈46 Mt CO_2 by 2030, reducing GHG emissions*

Task Force 4 produced studies on **biomethane production costs**, the sector's **biogenic CO_2 potential** and **grid injection cost optimisation**:



> *Biomethane costs can already be competitive for larger producers. Plus, biomethane fuels sustainability beyond energy production*



> *With strategic planning and regulatory support, it is possible to significantly reduce the costs of biomethane injection*

Discover the video on biogenic CO_2, and learn more about Task Force 4!

TASK FORCE 5

Assessing **Research & Innovation** to improve biomethane production

Task Force 5 works to identify the current status of **R**, **D&I** in biomethane production and what is needed for innovation to be commercialised.

Task Force 5 unites **academia**, **associations** and **technology providers**, along with representatives from **DG RTD**.

Task Force 5 analysed the **state-of-the-art** of **innovative biomethane production technologies** and the **research needs** for **improving digestate valorisation**

An accompanying factsheet to the "Technologies" Report is available for download! Learn more about Task Force 5 and its work now!



"Unlocking the future of innovative tech demands efficient resources, policy support, and bold investment to overcome cost challenges and scale up sustainable solutions"



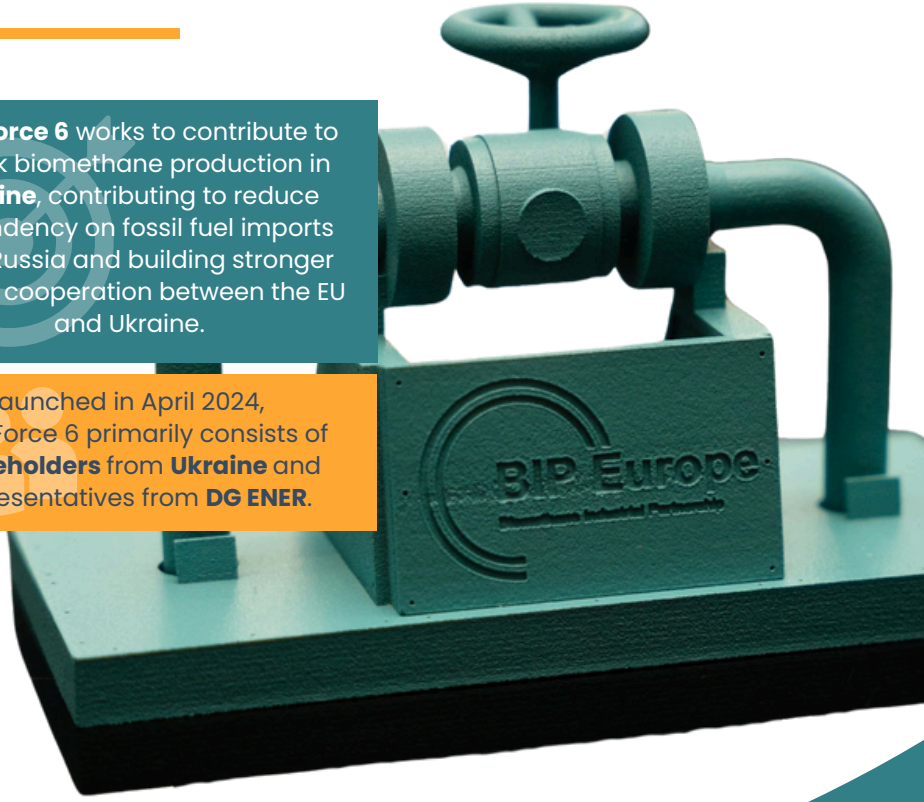
"Continued innovation is crucial to maximise digestate benefits - reducing GHG emissions, improving soil health and supporting the circular economy by reducing reliance on synthetic fertilisers"

TASK FORCE 6

Integrating **Ukraine** as a supplier of sustainable biomethane

Task force 6 works to contribute to unlock biomethane production in **Ukraine**, contributing to reduce dependency on fossil fuel imports from Russia and building stronger energy cooperation between the EU and Ukraine.

Launched in April 2024, Task Force 6 primarily consists of **stakeholders** from **Ukraine** and representatives from **DG ENER**.



Task Force 6 is currently working on facilitating **cross-border trading** between the EU and Ukraine and enhancing **production** and **demand** in Ukraine.

Scan the QR code and learn more about Task Force 6!